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PTO/SB/08A (08-03)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 3

Complete if Known

Application Number	10/634,659
Filing Date	August 5, 2003
First Named Inventor	Patchett, Joseph A.
Art Unit	unknown
Examiner Name	unknown
Attorney Docket Number	4919

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
EMJ	AA	US- 4,220,633	09-02-1980	Edward A. Pirsh	
EMJ	AB	US- 4,309,386	01-05-1982	Edward A. Pirsh	
EMJ	AC	US- 4,329,162	05-11-1982	Wayne H. Pitcher, Jr	
EMJ	AD	US- 4,404,007	09-13-1983	Tukao et al.	
EMJ	AE	US- 4,510,265	04-09-1985	Michael M. Hartwig	
EMJ	AF	US- 4,455,180	06-19-1984	Hillman et al.	
EMJ	AG	US- 4,557,962	12-10-1985	Belmonte et al.	
EMJ	AH	US- 4,576,774	03-18-1986	Hazard et al.	
EMJ	AI	US- 4,752,516	06-21-1988	Max R. Montierth	
EMJ	AJ	US- 4,759,892	07-26-1988	Roy T. Bonzo	
EMJ	AK	US- 4,793,981	12-27-1988	Doyle et al.	
EMJ	AL	US- 4,857,089	08-15-1989	Kitagawa et al.	
EMJ	AM	US- 4,902,487	02-20-1990	Cooper et al.	
EMJ	AN	US- 4,912,776	03-27-1990	William R. Alcorn	
EMJ	AO	US- 4,961,917	10-09-1990	John W. Byrne	
EMJ	AP	US- 4,983,423	01-08-1991	Robert L. Goldsmith	
EMJ	AQ	US- 5,100,632	03-31-1992	Joseph C. Dettling	
EMJ	AR	US- 5,114,581	05-19-1992	Goldsmith et al.	
EMJ	AS	US- 5,221,484	07-22-1993	Goldsmith et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
EMJ	BA	JP 1989 03130522	06-04-1991	Mitsubishi ...		✓
EMJ	BB	WO 99/39809	08-12-1999	Johnson Matthey		
EMJ	BC	WO 01/12320	02-22-2001	Johson Matthey		
EMJ	BD	WO 02/14657	02-21-2002	Engelhard Corp.		

Examiner Signature

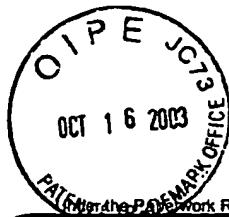
/Edward M. Johnson/ (08/19/2006)

Date Considered

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 2 of 3

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	10/634,659
		Filing Date	August 5, 2003
		First Named Inventor	Patchett, Joseph A.
		Art Unit	unknown
		Examiner Name	unknown
Sheet	2	of	3
		Attorney Docket Number	

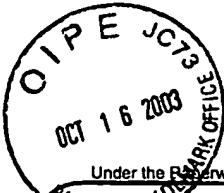
U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature	/Edward M. Johnson/ (08/19/2006)	Date Considered	
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.			

Translation is attached.
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<p style="margin: 0;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p style="margin: 0;"><i>(Use as many sheets as necessary)</i></p>					<p>Complete if Known</p>	
<p style="margin: 0;">ATTORNEY OR AGENT FOR APPLICANT</p> <p style="margin: 0;">Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB Control Number.</p> <p style="margin: 0;">Form 1449/PTO</p>					Application Number	10/634,659
					Filing Date	08-05-2003
					First Named Inventor	Patchett, Joseph A.
					Art Unit	unknown
					Examiner Name	unknown
Sheet	3	/	of	3	Attorney Docket Number	
					4919	

NON-PATENT LITERATURE DOCUMENTS

Examiner Signature	/Edward M. Johnson/ (08/19/2006)	Date Considered	
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***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

Applicant's unique claim designation number (optional). Applicant is to place a check mark here if English language translation is attached.
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FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT & TRADEMARKS OFFICE	ATTY DOCKET NO. 4919	SERIAL NO. 10/634,659
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT: Patchett, et al.	
		FILING DATE: August 5, 2003	GROUP: 1754

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

*reference submitted in previously filed IDS 10/14/03

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document number	Publication Date	Country or Patent Office	Class	Translation	
					Yes	No
EMJ	EP 1 203 611 A1	08.05.2002	EPO	B01D 53/94	X	
EMJ	WO 99/39809*	12.08.1999	PCT			

*reference submitted in previously filed IDS 10/14/03

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

Examiner	/Edward M. Johnson/ (08/19/2006)	Date Considered
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

INFORMATION DISCLOSURE STATEMENT PTO-1449 (Modified)

<p style="text-align: center;"> INFORMATION DISCLOSURE CITATION <small>(Use several sheets if necessary)</small> NOV 08 2005 <small>U.S. PATENT AND TRADEMARK OFFICE</small> </p>				Docket Number (Optional) 4919		Application Number 10/634,659	
				Applicant(s) Joseph A. Patchett, et al.		Filing Date August 5, 2003	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
EMJ		6,826,906 B2	12/07/2004	Ramesh M. Kakwani, et al.	60/303		
EMJ		2005/0056004 A1	03/17/2005	Ramesh M. Kakwani, et al.	60/286		
U.S. PATENT APPLICATION PUBLICATIONS							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS							
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation
							YES
							NO
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
EXAMINER /Edward M. Johnson/ (07/11/2006)				DATE CONSIDERED			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							